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13743  
#12/B  
(AM)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Schock, et al.

Application No.: 09/734,755

Filed: 12/11/2000

Title: INTRA-AORTIC BALLOON  
CATHETER HAVING A  
FIBEROPTIC SENSOR

Attorney Docket No.: DATA 53

Examiner: Patel

Group Art Unit: 3743

RESPONSE UNDER 37 CFR 1.111  
AMENDMENT

RECEIVED

JAN 28 2003

TECHNOLOGY CENTER R3700

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This is a timely reply to an Office Action dated December 18, 2002. The Commissioner is authorized to withdraw the necessary fees from deposit account 04-0170.

Please amend this application as follows:

In the claims:

Amend claims 1, 8, 16 and 18 and add new claims 31-34 as follows:

b1  
1. (amended) A balloon catheter comprising a balloon membrane, a tip, a fiberoptic pressure sensor connected to said tip, a fiberoptic fiber, an outer tube, and an inner tube disposed within an outer surface of said outer tube, said inner tube extending beyond a distal end of the outer tube, the tip being connected to a distal end of the balloon membrane and to a distal end of the inner tube, said fiberoptic fiber being connected on a distal end to the fiberoptic pressure sensor.

b2  
8. (amended) The balloon catheter as claimed in claim 1 wherein the tip comprises an inner surface, an outer surface, and a pocket, said inner surface defining a tip